DARLASTON URBAN DISTRICT COUNCIL.

Annual Report

. . . OF THE . . .

Medical Officer of Health,

FOR THE YEAR 1911,

BY

VINCENT J. MAGRANE,

Medical Officer of Health.

DARLASTON:
R. H. LAWTON, CHURCH STREET AND BULL STREET,
1912.

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

For 1911.

Mr. Chairman and Gentlemen,

I have pleasure in submitting for your consideration my Annual Report for the year 1911.

Area.—820 Acres.

Population.—17,107.

Number of inhabited houses	...	3,535
Average number of persons per house		4·8

Births.

575, Viz : Males 296, Females 279, giving a birth-rate of 33·60 per 1000 of the population, compared with 561 births and a rate of 35·06 in 1910.

23 Illegitimate births were registered as compared with 10 in 1910, giving rates of 4·00 and 1·78 respectively.

Deaths.

The deaths registered were 315, viz : 169 Males and 146 Females.

Twenty-two of these were registered as having died in the various Public Institutions outside the district.

Local death-rate 17·13. Corrected nett death-rate 18·42 as compared with 16·18 and 17·18 in 1910.

The following are the particulars of the deaths in Public Institutions :

Walsall Union ...	12
,, & District Hospital	5
Wolverhampton Hospital	nil
Burntwood Asylum ...	4
Walsall Fever Hospital	1

Infantile Mortality.

The number of deaths under one year of age was 100 as compared with 83 in 1910.

The deaths of children between one year and five years were 44 as aganst 23 in 1910.

The percentage of deaths to total deaths was 31·74 compared with 32·04 in 1910

To births registered 17·39 compared with 14 77.

The following table gives the percentages of deaths from specified causes of infants under one year to the total number of deaths under one year, for the year 1911, and three previous year :

Causes of Death	*1911*	*1910*	*1909*	*1908*
Bronchitis and Pneumonia	21·00	16·86	18·51	17·05
Diarrhœa	13·00	8·43	9·25	17·13
Premature Birth & Debility	28·00	21·68	30·54	29·45
Whooping Cough ...	—	4·81	2·77	3·11
Convulsions	5·00	2·40	2·77	3·87
Measles	1·00	—	6 94	—
Tubercular and Wasting Diseases, Marasmus	22·00	18·07	23·14	21·70

Health Visitor.

During the year Miss Roberts, the Health Visitor paid altogether 637 visits or an average of 53 per month.

Advice was given and cards of instruction on the care of infants were left.

The salary of the health Visitor is jointly paid by the Council and by the Nursing Institution. This arrangement, I understand, is merely experimental, and I should strongly urge the Council to seriously consider the advisability of appointing a whole time officer, who in addition to her ordinary duties as Health Visitor, would assist the Sanitary Inspector.

Zymotic Diseases.

The deaths from Zymotic diseases numbered 49 compared with 35 in 1910.

The death-rate per 1000 of the population was 2·86.

The percentage of deaths from Zymotic disease to the total deaths for 1911 was 15·55 compared with 13 51 for 1910.

The following table gives the particulars of the Zymotic deaths in 1911 and the two preceding years :

	1910	1909	1908
Measles ...	6	—	41
Scarlet Fever ...	—	6	10
Whooping Cough	2	6	8
Diphtheria and Membranous Croup	—	2	1
Croup	—	1	—
Enteric Fever ...	3	—	2
Epidemic Influenza	7	8	9
Diarrhœa (including Enteritis)	31	12	15
Puerperal Fever ...	0	0	0
	49	35	86

Measles.

There were six deaths from Measles during the year compared with none in 1910 and 41 in 1909.

The age periods at death were as follows :

Age periods	*No. of deaths.*
Under 1 year ...	1
1 and under 2 years	3
2 ,, 5 ,,	2
	6

The disease made its appearance among the infants attending Dorsett Road Schools about the middle of October and spread so rapidly it was deemed advisable to close the Infants Department in November for five weeks, which, coupled with the Christmas holidays, completely stamped out the epidemic.

The houses affected were visited, and the parents warned of the gravity of the disease. Medical assistance was sought in most cases with the result that only six children died, and I take this opportunity of thanking the staffs of the

various schools for the prompt manner in which they notified any absentees.

Scarlet Fever.

No deaths have been recorded from this disease, and only eleven cases were notified, which is the lowest on record.

The number of cases and deaths since 1902 are as follows :

		Notifications.	*Deaths.*
1902	...	112	6
1903	...	77	2
1904	...	188	11
1905	...	33	0
1906	...	27	0
1907	...	102	6
1908	...	65	1
1909	...	120	10
1910	...	65	6
1911	...	11	0

The ages of the persons who contracted the disease were :

Under 1 year			...	1
1 and under 5 years				1
5	,,	15	,,	8
15	,,	25	,,	0
25	,,	65	,,	1
				11

Enteric Fever.

Nine cases of Enteric Fever were notified, 1 in January 3 in October and 5 in November. Seven of the cases occurred

in All Saints' Ward, viz: 4 in Albert Street, 2 in Walsall Road and 1 in Heath Road; the remaining 2 were in the Green and High Street respectively.

All the houses affected were in good sanitary condition.

Six of the patients were removed to the Isolation Hospital, whilst three very mild cases were nursed at home.

Miss Tonks was appointed temporary night nurse, and the District Nurses called twice daily. All the cases admitted were of a most virulent type, and two succumbed, one a female aged 17 and the other a man aged 26 years.

In addition to the above a child who had been admitted to the Walsall and District Hospital developed Enteric and was removed to the Walsall Fever Hospital, where she died.

The following is a list of cases notified in previous years:

Years.		*Cases.*
1903	...	12
1904	...	17
1905	...	30
1906	...	17
1907	...	11
1908	...	4
1909	...	3
1910	...	3

Diarrhœa (including Enteritis).

This disease was responsible for 31 deaths, 17 of which were infants under one year of age.

The proportion of deaths to 1000 deaths is 98·41 compared with 45·73 for 1910.

The percentage of deaths of children under one year to total deaths of children under one year is 17·00 compared with 8·43 in 1910, 9·25 in 1909 and 17·83 in 1908.

The deaths in previous years were :

Years,	Total Deaths.		Deaths of Infants under one year.
1904	28	..	26
1905	23	...	11
1906	27	...	19
1907	19	...	11
1908	29	...	23
1909	15	...	10
1910	12	...	7

The prolonged and hot summer no doubt accounted for the increase in 1911, owing to the difficulty in keeping milk and food.

On the 15th July I issued notices warning parents and those in charge of children, that Diarrhœa (or Enteritis) was not a disease incidental to teething, but was an epidemic disease, frequently carried by flies, and suggesting that all milk and food should be covered up and kept in a cool place.

The result of the warning was most gratifying; mothers were more than usually careful, and when their children were attacked sought early medical advice.

Sanitary work was pushed on in the areas affected, the Inspector visited and gave advice as to general cleanliness. In my opinion if these precautions had not been taken early, a much heavier epidemic would have occurred, and the number of deaths would have been proportionately higher.

Diphtheria and Membranous Croup.

Two cases were reported, both of which were of a mild character. No deaths were recorded, as compared with six cases notified and two deaths in 1910

Whooping Cough.

Two deaths occurred during the year as compared with six in 1910.

There are some cases still in the Catherine's Cross and Central Wards, which seem to have developed during the Christmas holidays.

Epidemic Influenza.

Seven deaths occurred as compared with eight in 1910

Respiratory Diseases.

DEATHS.—Bronchitis	...	39
Pneumonia	...	16
		—
		55

compared with	1910	1909
Bronchitis	34	44
Pneumonia	14	18

The proportion of deaths to 1000 deaths was 171·42

The death-rates per 1000 of the population :

Bronchitis	2 28
Pneumonia	·93

Phthisis, (Pulmonary Tuberculosis).

This disease accounted for 27 deaths, compared with 17 in 1910.

The proportion of deaths to 1000 deaths for this and the previous years was :

1911	...	85·71
1910	...	65·63.
1909	...	45·73
1908	...	47 92
1907	..	68·53
1906	...	44 94
1905	...	44·16

The death rate per 1000 of the population is 1·57

13 cases were reported under the Tuberculosis Regulations (Poor Law) 1908 and 16 under the Hospital Regulations 1911.

A new Regulation comes into force on the 1st January 1912, by which all cases are to be notified, and a register kept, visits to be paid, pamphlets and advice to be given.

Under this Regulation the services of a whole time Health Visitor would be invaluable.

The South Staffordshire Joint Hospital Board have had under consideration the advisability of using their Smallpox Hospital, situated at Moorcroft, between Bradley and Moxley, as a Phthisis Sanatorium, where cases in the early stage could be taken in for a few weeks for instruction more than for treatment, but as our population is mostly working class, I am afraid the fee charged, viz, thirty shillings a week, would be prohibitive, unless the Council advances the money.

However under the National Insurance Act this matter will be taken up in the near future.

Cancer.

Seventeen deaths were registered from this cause compared with 14 in 1910, 10 in 1909, 9 in 1908, 12 in 1907, and 17 in 1906.

The list is constituted as follows :—

MALES		FEMALES	
Stomach	1	Breast	3
Intestines	1	Liver	3
Larynx	1	Uterus	3
Liver	1	Rectum	1
Neck	1		
Parolid	1		
Rectum	1		
	7		10

Puerperal Fever.

No cases were reported during the year.

There are now three trained and certificated midwives practising in the district ; of these one has been working since 1900, one was added to the staff of the District Nursing Institute in 1910, while the third began to practice in the early part of the year.

Inquests.

The following inquests were held :

2 Natural causes
1 Hæmorrhage on brain
2 Drowning
1 Chronic Bronchitis
1 Accidentally suffocated

1 Accidentally overlain
1 Accidentally run over
1 Syncope
1 Abdominal Tuberculosis
1 Accidental fall of rock
Total 12

Excrement and Refuse Disposal.

All refuse is removed by the Council's own men under a night foreman ; only teams and drivers are worked on contract. More than half the houses have sanitary dust bins, the large insanitary ash pits have practically been abolished.

During the year, 194 privies have been abolished and 255 water closets—affecting 387 houses, have been substituted —this creates a record. In only two cases has it been necessary for the Council to carry out the work, on behalf of owners who would not have the necessary alterations carried out.

There are now 2166 water closets in the district, as compared with 1866 in 1910 and 1632 in 1909.

They are well flushed and kept in good order.

Night soil is not deposited in the street but is carted direct to the canal wharf where it is transferred to boats and sent to the local farmers.

Sewage Disposal.

The present outfall works consist of eight rectangular precipitation tanks. The effluent is conveyed to the land. The greater portion of land is divided into thirteen beds, three of which are reserved for sludging purposes.

The farm has been used since 1884 and owing to the continuous application of sewage upon the surface, is becoming useless for the purpose of purification and inefficient to present requirements.

A scheme is now being proposed for the conversion of the system from chemical precipitation to a more up-to-date method, viz : the Bacteriological process.

Plans and particulars will be forwarded to the Local Government Board at an early date for their consideration.

Water Supply.

There is a plentiful and constant supply of good water from the South Staffordshire Water Works Co. Wells are not in use in the district.

Insanitary Dwellings and Overcrowding.

All the work during the past year has been done under sections 17 and 18 of the Housing and Town Planning Act.

Twenty-three Closing Orders have been issued, and all with the exception of 2 are now closed.

Four determining Closing Orders were issued.

Fifteen Demolition Orders were issued.

In addition to the above 76 houses have been reported to the Committee owing to general dilapidated conditions. Fifty of these have been thoroughly repaired and made sanitary.

Isolation Hospital.

This building, situated in Heath Road, is now used

for the reception of cases of enteric fever, and has proved invaluable in the past.

Six cases having been treated during the year.

The accommodation consist of eight rooms, with fourteen beds. There is no permanent staff, but temporary nurses are appointed when necessary.

It has always been clean and in good order on all my visits.

Dairies and Cowsheds.

There are sixteen cowkeepers and seventeen purveyors of milk in the district ; with the exception of four, all were found clean and in good condition.

These four required limewashing, which was immediately done. There were no prosecutions during the year.

Slaughter-houses.

There are eleven slaughter-houses in the district, 5 licensed and 6 registered. 772 visits have been paid, including butchers shops, and they have generally been found in a clean condition.

Meat Inspection.

Considerable attention has been given to this during the year. Sixteen seizures and two prosecutions have taken place and the quality of the meat has lately much improved

Vaccination.

The only figures available are from the 11th January to 30th June :

Total on books	298
Successfully vaccinated	96

Insusceptible	2
Exemptions	127
Dead	38
Postponed	11
Removed	11
Remaining open	13

Surveyor's Department.

During the year 14 houses were erected, extensions made to various works, a Drill Hall built in Church Street, Offices and Institute in connection with Engineering Works in Booth Street, and many outbuildings, stables, &c, were improved. The brook course was widened and cleaned in conjunction with neighbouring authorities.

The public sewers received the necessary attention and are all in good condition.

The lighting of the streets was generally improved.

The Highway improvements consisted of purchase of old property in Walsall Street, Cramphill and Wolverhampton Street, and land added to roads for widening purposes.

Land in Great Croft Street fenced and retained as an open play-ground. The Pleasure Grounds in Victoria Road were well cared for, trees and shrubs making good progress, and the flower beds always trim and neat.

Factories and Workshops Act.

There are 50 Factories and 120 Workshops in the district.

Nut and Bolt making is the staple trade, but in addition there are Constructional Engineers, who turn out heavy work, such as railway station roofs, bridges, etc There are also

Galvanizers, Tube makers, Stampers, Latch makers, Engineers—for making bolt and nut machinery, etc. ; Saw mills, Joiners and Builders, Motor Car Frame makers and one Steam Laundry.

The following lists comprises the trades carried on in workshops :

Nut and Bolt making	Sugar Boilers
Gun Locks	Watch Repairers
Dressmaking	Printers
Millinery	Basket Makers
Boot and Shoe repairing	Stone Mason
Shoeing Blacksmiths	Picture Framer
Joiners and Carpenters	Pattern Makers
Wheelwrights & Coach-makers	Cooper
Rope making	Maltsters
Saddlers	Stampers
File Cutting	Plumbing
Tailors	Bakers

117 Visits were paid. Nine complaints were made with respect to defects ; limewashing overdue 4 ; defective sanitary accommodation 3 ; no sanitary conveniences provided 2.

Nine notices of new workshops and two complaints were received from H.M. Inspector of Factories.

I have pleasure in acknowledging the able assistance I have received from your Surveyor and Sanitary Inspector during the year.

I remain, Mr. Chairman and Gentlemen,

Yours faithfully,

VINCENT J. MAGRANE,

Medical Officer of Health.

Annual Report of the

SANITARY INSPECTOR,

To the Chairman and Members of the Darlaston Urban District Council.

Gentlemen,

I have the honour to submit to you my sixth Annual Report of the work done in the Sanitary Department.

Ashpit Scavenging.

Record of work done respecting the cleansing of ashbins, ashpits, privies and cisterns.

MONTH.	No. of Bins Emptied	No. of Ashpits Emptied	No. of Middens Emptied	No. of Cisterns Emptied	Loads of Ashes	Loads of Night soil	Loads of Refuse from Dumbwells
January ...	2669	130	72	45	375	55	12
February ..	2682	122	52	25	333	28	—
March ...	3125	120	67	43	379	63	20
April ...	3240	116	61	45	358	55	9
May ...	2771	126	79	64	415	64	16
June ..	3038	127	65	55	367	56	12
July ..	3414	136	52	44	353	37	11
August ...	3055	103	94	36	379	47	23
September ...	3739	133	77	28	362	36	10
October ...	3757	130	74	41	332	60	21
November ...	3608	143	59	36	338	34	10
December ...	4575	91	37	23	318	44	22
Total 1911 ...	39673	1477	789	485	4309	571	166
Total 1910 ...	26370	1600	1012	600	4432	693	—
Total 1909 ...	12825	1580	1121	584	4242	600	—
Total 1908 ...	3508	1452	1189	673	4943	666	—

During the past year a record number of privies have been abolished and I am pleased to report that most of the property owners now realize the importance of this movement and with a few exceptions very little opposition has been met with. Only in two cases has it been necessary for the Council to carry out the work on behalf of owners who would not do the work themselves.

104 privy middens having 145 separate closet seats and 60 privy vaults or cisterns with 90 closet seats have been abolished and 255 clean water closets have been substituted affecting 387 houses.

143 ashpits have been abolished, and 250 dust bins which receive weekly attention have been substituted.

Nearly half the town have now movable dust bins and fully appreciate the benefits to be derived from their use.

The following figures show the number of conversions from privies to water closets in each Ward during the year and also 1910, 1909 and 1908.

WARD.	Middens abolished.	Cisterns or Vaults abolished.	Total abolished.	Clean water closets substituted.	Number of houses affected.
Catherine's Cross	36	25	61	70	116
Central ...	33	27	60	62	96
The Green ...	35	10	45	49	80
All Saints' ...	41	28	69	74	95
Total 1911	145	90	235	255	387
,, 1910	151	76	227	226	398
,, 1909	87	41	128	143	249
,, 1908	117	60	177	184	332

Table showing the number and description of closets in use within the district.

	1911		1910	
Clean Water Closets		1804		1506
			Troughs	
,, ,, ,, (Troughs) ...	24	114	21	108
Waste Water Closets		271		271
			Middens	Closets
Privy Middens	371	521	465	648
			Cisterns	Closets
Privy Cisterns	243	368	319	474
Pails		9		9
Total ...		3087		3016

Table showing the number sf houses, also the various types of closets in each Ward. Closets at Works and Schools not included.

WARD.	Single Houses	Through Houses	Total Houses	Clean Water Closets.	Waste Water Closets.	Troughs. Closets.		Middens. M.	Middens. C.	Cisterns. C.	Cisterns. Clts.
Catherine's Cross ...	163	836	999	412	45	1	4	91	136	74	92
Central	158	583	741	279	34			93	120	40	50
The Green	116	799	915	430	58			75	105	51	59
All Saints'	61	819	880	490	134			99	127	27	35
	498	3037	3535	1611	271	1	4	358	488	192	236
Schools and Works, etc. ...				193	.	23	110	13	33	51	132
				1804	271	24	114	371	521	243	368

Nuisances.

Summary of Sanitary work done in the Sanitary Department during the year as supplied to the Staffordshire County Council.

		Number of		Abatement Notices.		Nuisances abated after notice by	
		Inspection and Observation.	Defects Found.	Informal notices.	Formal by authority.	Inspector.	Authority.
Dwelling houses & Schools	Foul conditions ...	414	138	138	13	130	13
	Structural defects ..	984	328	328	5	320	5
	Overcrowding ...	75	25	25	7	24	7
	Unfit for habitation ...	104	26	0	71*	0	71
Dairies, Cowsheds, etc. ...		192	7	7	0	7	0
Bakehouses and Workshops ...		117	9	9	0	9	0
Slaughter-houses ..		772	4	4	0	4	0
Canal Boats ...		65	3	0	3	0	3
Ashpits and Privies ...		639	213	213	52	181	50
Deposits of Manure, etc. ...		21	7	7	1	7	1
Water Closets ...		51	17	17	0	17	0
House Drainage ...		180	60	60	4	58	4
Pigsties ...		18	6	6	0	6	0
Animals improperly kept ...		33	11	11	1	11	1
Other Nuisances ...		108	36	36	0	34	0
		3773	890	871	157	808	155

* This figure includes 23 Closing Orders, 4 Determining Closing Orders, 29 notices of time and place when the question of demolition of a dwelling house will be considered and 15 Demolition Orders.

Housing and Town Planning.

All the work done during the past year has been done under Sections 17 and 18 of the Housing and Town Planning etc. Acts.

23 Closing Orders have been issued, viz :—4 houses Baggotts Bridge, 5 houses Willenhall Road, 7 houses Bilston Street, 2 houses Wolverhampton Street, 3 houses Dale End and 2 houses The Green. All these houses with the exception of 2 are now closed. Two orders had to be served upon tenants to vacate their houses.

4 orders determining closing orders were issued, viz :- 2 houses 4 Ct. Moxley, and 2 houses Herberts Park.

29 Notices of time and place at which the question of the Demolition of a dwelling house will be considered, were issued.—3 Engine Lane, 6 Blakemore's Lane, 3 Dale End, 2 Herberts Park, 4 Baggotts Bridge, 4 Cramphill, 5 Willenhall Road, 2 Wolverhampton Street.

15 Demolition Orders were issued—4 Baggotts Bridge, 6 Blakemore's Lane, 2 Herberts Park, 3 Engine Lane

In addition to the above 76 houses have been reported to the Housing and Town Planning Committee, owing to general dilapidated conditions.

50 of these have been thoroughly repaired and made sanitary.

12 houses have been abolished by the owners without notice from the Authority viz :—2 Wolverhampton Street, 2 St. John's Road, 7 houses 1 court Horton St, 1 Beard St.

11 houses have been closed by the owners owing to dilapidated conditions without notice from the Authorities, viz :—2 houses 4 ct. Woods Bank, 2 houses Bush Street, 1

house Bell Street, 4 houses court 1, Horton Street, 2 houses Church Street.

Factories and Workshops.

117 visits have been paid to the various Workshops within the district.

9 complaints were made with respect to defects, Lime-washing required 4, Defective sanitary accommodation 3, no sanitary conveniences provided 2.

9 notices of New Workshops and two complaints were received from H. M. Inspector of Factories.

220 Males and 52 Females were employed in the workshops. The following is a list of Workshops and Trades carried on :

Factories		Workshops	
Nut and Bolt making ...	21	Nut and Bolt making	18
Gun lock	13	Roofing and Bridges	4
Boot and Shoe repairing, etc.	12	Galvanizers ...	3
Dressmaking	7	Stampers ...	3
Blacksmiths and Shoeing Forges	7	Printers	2
Joiners and Carpenters ...	4	Builders and Joiners	2
Milliners	4	Engineers ...	2
Coachsmiths, etc. ...	3	Others	16
Bakers	19		
Others	30		
Total	120	Total	50

Slaughter-Houses.

There are 11 Slaughter-Houses within the district, 5 of these are licensed annually and 6 registered.

772 visits have been paid to these premises including butchers' shops.

The butchers have always endeavoured to keep their slaughter-houses in a clean condition and only in a few instances has it been necessary to request them to limewash which has been done at once.

Food Inspection.

Whenever possible, visits have been made to the slaughter-houses during the time of killing but owing to the fact that almost every one varies their time of killing week by week it is difficult to examine the meat in the slaughter-house.

All the butchers have been asked repeatedly to send at once to me if they found anything abnormal at the time of killing, but during the year only two of them have requested me to examine their meat.

On 7 occasions I have found diseased meat in the slaughter-houses visited, and in each case the butcher has made the excuse that he was going to send for me before removing the carcase.

There has been 16 seizures of diseased and unsound food during the year, the total weight being 3067 pounds.

3 bodies of beef and 1 pig were condemned owing to being affected with Tuberculosis, 1 beast ditto Septic Metritis, 1 pig ditto unsound. Also 42 pounds of offal, 20 pounds of plums, 65 pounds of prawns, 12 pounds of pears, and 40 pounds of beef.

Market.

The market has received considerable attention especially the butchers stalls.

None of the meat sold upon these stalls has been slaughtered within the district and it is very difficult to properly examine meat of this description for disease On the stall the meat is often of a questionable character but only on one occasion have I considered myself justified in seizing any.

The fish and fruit have received careful attention.

Prosecutions.

Two prosecutions have been taken against persons for exposing for sale unsound food one butcher was fined two pounds and costs or one month. And another was fined four pounds and costs and also one pound and costs for obstruction

Dairies and Cowsheds.

There are 16 cowkeepers and 17 purveyors of milk on the register. 136 visits have been made to these premises and on 4 occasions have had to request Limewashing and 5 times the removal of manure from the premises.

On the 18th of May I found a cow lying down outside one of the cowsheds and was informed that she had slipped down and broken her leg. The cow was slaughtered and upon examination was found to be affected with Septic Metritis owing to calving troubles, the carcase was condemned by a Justice and afterwards destroyed.

A special letter was sent to every cowkeeper informing them that no animal intended for human food must be slaughtered in or about any premises except a licensed slaughter-house unless by special permission in case of emergency.

Canal Boats.

54 visits were made along the canal and 5 registered cabin boats examined.

One boat was found to be without the proper certificate of registration.

One boat had a defective deck and was not provided with the necessary bilge pump.

One captain obstructed me by refusing to allow me to inspect his boat.

Infectious Diseases.

59 cases of Notifiable Diseases were reported and and visited, Scarlet Fever 11, Enteric Fever 9, Erysipelas 8, Diphtheria 2, and Tuberculosis 29.

13 of the tuberculosis cases were reported by the union and 16 under the regulations as to Hospitals.

48 houses have been disinfected.

6 cases of Enteric were removed into the Hospital.

I remain, Mr. Chairman and Gentlemen,

Your obedient servant,

ROBERT AUSTIN.

STREET LIST—CAUSES OF DEATH.

No. 1 Ward—Catherine's Cross.

STREET.	Double Houses.	Single Houses.	Total Houses	Diarrhœa.	Pthisis.	Cancer.	Measles.	Other Causes.	Total Deaths.	Deaths under 1 year. of age.
Alfred street ...	14	0	14	0	0	0	0	0	0	0
Baggott's bridge ..	3	1	4	0	0	0	0	0	0	0
Catherine's cross	124	30	154	1	1	1	1	9	13	6
Cock Heath ...	11	0	11	0	0	0	0	2	2	0
Dangerfield lane ..	24	5	29	1	0	0	0	1	2	1
Factory street ...	33	8	41	0	1	0	0	4	5	1
Forge road ..	15	1	16	0	0	0	0	1	1	1
Foundry street ...	65	7	72	3	0	1	0	7	11	6
Heathfield lane ..	33	7	40	0	0	0	0	3	3	2
Herbert's Park ..	3	0	3	0	0	0	0	0	0	0
King Edward street	50	0	50	0	0	0	0	1	1	0
Mill street ..	42	11	53	0	0	0	0	3	3	2
Moxley ..	77	40	117	0	4	1	0	10	15	3
Moxley road ..	99	23	122	0	2	2	1	6	11	3
Park street ...	7	1	8	0	0	0	0	2	2	0
Park road ..	15	0	15	0	0	0	1	0	1	0
Pinfold street ..	94	12	106	0	0	1	0	7	8	4
St. John's road ...	36	2	38	1	0	0	1	2	4	0
Wolverhampton st ..	98	10	108	1	1	0	1	10	13	6
Total ..	843	158	1001	7	9	6	5	68	95	35

No. 2 Ward—Central.

STREET.	Double Houses.	Single Houses.	Total Houses	Diarrhœa.	Pthisis.	Cancer.	Measles	Other Causes.	Total Deaths.	Deaths under 1 year. of age.
Alma street ..	32	0	32	0	0	0	0	1	1	0
Baulk street ..	2	0	2	0	0	0	0	0	0	0
Bilston street ..	42	18	60	0	0	0	0	5	5	2
Blakemore's lane ..	9	13	22	0	0	0	0	2	2	1
High street ..	59	17	76	0	0	2	0	0	2	0
Cramphill .	57	23	80	2	0	0	0	6	8	3
Cross street ..	19	10	29	0	0	0	0	1	1	1
Dorsett road ..	38	0	38	0	0	0	0	1	1	0
Eldon street ..	65	6	71	1	2	0	0	2	5	0
Great Croft street ..	50	10	60	0	1	0	0	2	3	0
Leys ..	18	0	18	0	0	0	0	2	2	1
New road ..	23	1	24	0	0	0	0	2	2	2
New street .	52	32	84	1	0	1	0	6	8	1
Rough Hay ..	5	0	5	0	0	0	0	0	0	0
School street ...	13	0	13	0	0	0	0	1	1	1
Smith street ...	39	1	40	0	0	1	0	2	3	1
Willenhall street ..	57	32	80	0	0	1	0	3	4	1
Total .	580	163	734	4	3	5	0	36	48	14

No. 3 Ward—The Green.

STREET.	Double Houses.	Single Houses.	Total Houses	Diarrhœa.	Phthisis.	Cancer.	Measles.	Other Causes.	Total Deaths.	Deaths under 1 year of age.
Addenbrooke street	52	0	52	0	0	0	0	3	3	1
Aldridge street ...	8	0	8	0	1	0	0	1	2	0
Beard street ...	23	2	25	0	0	0	0	3	3	2
Bell street ...	59	24	83	0	0	0	1	7	9	4
Bentley road ...	23	4	27	1	0	0	0	1	1	0
Blockall ...	42	7	49	1	0	0	0	1	2	1
Booth street ...	52	0	52	1	0	0	0	3	4	2
Bush street ...	47	9	56	2	0	0	0	5	7	2
Castle street ...	27	0	27	0	0	0	0	3	3	1
Foster street ...	74	22	96	1	0	2	0	4	7	2
Horton street ...	62	5	67	0	0	0	0	6	6	3
Little Cross street ..	15	0	15	0	0	0	0	1	1	0
Perry street ..	40	0	40	0	0	0	0	1	1	0
Queen street ...	8	0	8	0	0	0	0	2	2	2
Rough Hay street ...	12	0	12	0	1	0	0	2	3	0
St. George's street ...	22	6	28	0	0	0	0	2	2	1
The Green ...	143	30	173	2	0	0	0	12	14	4
Willenhall road ..	63	2	65	0	1	0	0	4	5	1
Richard street ...	30	0	30	0	0	0	0	2	2	2
Hospital ..	0	0	0	0	0	0	0	2	2	0
Total ...	802	111	913	8	3	2	1	65	79	28

No. 4 Ward—All Saints'.

STREET.	Double Houses.	Single Houses.	Total Houses	Diarrhœa.	Phthisis.	Cancer.	Measles.	Other Causes.	Total Deaths.	Deaths under 1 year of age.
Albert street ...	39	0	39	0	0	0	0	5	5	2
Avenue road ...	49	0	49	0	0	0	0	4	4	0
Bills street ...	4	0	4	0	0	0	0	1	1	1
Bull street ...	51	4	55	0	0	1	0	2	3	0
Church street ..	58	19	69	1	1	0	0	6	8	1
Cope street .	25	0	25	0	0	0	0	1	1	0
Crescent road ...	6	0	6	0	0	0	0	0	0	0
Dale End ...	15	1	16	0	1	0	0	4	5	3
Gladstone street ...	18	1	19	0	0	0	0	0	0	0
Gordon street ...	18	0	18	0	0	0	0	0	0	0
Heath road ..	39	4	43	0	0	1	0	4	5	3
James Bridge ...	7	0	7	0	0	0	0	0	0	0
King street ...	43	5	48	0	1	0	0	1	2	0
Rectory Avenue ...	6	0	6	0	0	0	0	0	0	0
Salisbury street ..	13	0	13	0	0	1	0	1	2	1
Short street ...	11	0	11	1	0	0	0	0	1	1
Slater street ..	14	0	14	0	0	0	0	0	0	0
Station street ..	62	8	70	1	0	0	0	4	5	1
Tilley street ...	43	0	43	0	0	0	0	5	5	2
Two Arches ..	3	1	4	0	0	0	0	0	0	0
Victoria road ...	23	6	29	0	0	0	0	1	1	0
Walsall road ..	171	5	176	1	3	1	0	10	15	3
Walsall street ...	21	13	34	0	0	0	0	5	5	3
Waverley road ..	37	0	37	1	1	0	0	0	2	1
Whitton street ..	39	0	39	0	0	0	0	1	1	1
Chapel street ...	4	0	4	0	0	0	0	0	0	0
Total ..	819	59	878	5	7	4	0	55	71	23

Summary of Street Lists.

	Double Houses.	Single Houses.	Total Houses	Diarrhœa.	Phthisis.	Cancer.	Measles.	other Causes.	Total Deaths.	Deaths under 1 year of age.
Ward No. 1 ...	843	158	1001	7	9	6	5	68	95	35
Ward No. 2 ..	580	163	743	4	3	5	0	36	48	14
Ward No 3 ..	802	111	913	8	3	2	1	65	79	28
Ward No. 4 ...	819	59	878	5	7	4	0	55	71	23
Walsall Union	0	0	0	0	3	0	0	9	12	0
Walsall Hospital ...	0	0	0	0	1	0	0	4	5	0
W'ton Hospital ...	0	0	0	0	0	0	0	0	0	0
County Asylum ...	0	0	0	0	1	0	0	3	4	0
Walsall fever hospital	0	0	0	0	0	0	0	1	1	0
Total ..	3044	491	3535	24	27	17	6	241	315	100

Notification of Infectious Disease.

MONTH.	Diphtheria.	Erysipelas.	Scarlet Fever	Enteric Fever.	Phthisis 1908. Unions, etc.	Regulations 1911 Hospitals	Total.
January ..	0	0	0	1	0	0	1
February .	0	0	1	0	1	0	2
March ..	0	0	0	0	0	0	0
April ..	0	1	0	0	2	0	3
May ..	0	2	0	0	4	7	13
June ...	0	1	0	0	1	0	2
July ..	0	0	0	0	0	0	0
August ..	0	0	0	0	2	2	4
September ..	1	0	5	0	2	0	8
October ...	1	0	0	3	1	2	7
November ...	0	2	2	5	0	4	13
December ..	0	2	3	0	0	1	6
Totals ..	2	8	11	9	13	16	59

Table showing the number of cases of Infectious Disease reported from the various schools.

Name of School.	Dep't	Mumps	Ring Worm	Chicken Pox	Measles	Ophthalmia.	Itch	Whoop'g Cough	Other complaints	Totals.
All Saints'	Infants	19	1							20
Central	Girls	1	1	2						4
Dorsett Road	Boys			1	9	3				13
,, ...	Girls									
,, ...	Infants	10	4	2	51	23	2	10		102
Parish Church	Girls	1								1
,, ...	Boys									
,, ...	Infants									
Green Council School ...	Boys			5	1	3			1	10
,, ...	Girls			4				1		5
,, ...	Infants	1	6	23		6		28	2	66
Roman Catholic	Mixed	5								5
Falling's Heath	Infants	0		1						1
Salisbury Street	Infants	0			2					2
Totals ...		37	12	38	63	35	2	39	3	229

Street List of Notificatons of Infectious Diseases.

Street.	Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Phthisis.	Total
Ward No. 1—						
Catherine's cross ...	0	0	0	0	4	4
Factory street ...	0	0	0	0	1	1
Foundry street ...	0	0	1	0	0	1
Mill street ...	0	1	0	0	0	1
Moxley ...	0	1	0	0	0	1
Moxley road ...	0	0	0	0	1	1
Pinfold street ...	0	0	0	0	1	1
Wolverhampton st. ...	1	0	0	0	3	4
Ward No. 2—						
Cramphill ...	0	1	0	0	1	2
Cross street ...	0	0	0	0	2	2
Bilston street ..	0	0	0	0	2	2
Eldon street ...	0	0	0	0	2	2
Great Croft street ...	0	0	0	0	1	1
High street ...	0	0	0	1	0	1
Leys ...	0	0	0	0	1	1
New street ...	0	0	0	0	1	1
Willenhall street ...	0	0	0	0	3	3

Ward No. 3—						
Addenbrooke street ..	0	1	0	0	0	1
Beard street ...	0	0	1	0	0	1
Foster street ..	0	1	0	0	0	1
Horton street ...	0	0	0	0	1	1
Perry street ...	0	1	0	0	0	1
The Green ..	0	0	0	1	1	2
Willenhall road ...	0	1	1	0	0	2
Ward No. 4—						
Avenue road ...	1	0	2	0	0	3
Albert street ...	0	0	0	4	0	4
Bull street ..	0	0	1	0	0	1
Church street ...	0	0	0	0	1	1
Dale End ...	0	0	0	0	1	1
Gordon street ...	0	0	1	0	0	1
Heath road ...	0	0	0	1	0	1
Victoria road ..	0	0	4	0	0	4
Walsall road ...	0	1	0	2	1	4
Waverley road ..	0	0	0	0	1	1
Totals—						
WARDS.						
No. 1	1	2	1	0	10	14
No. 2	0	1	0	1	13	15
No. 3	0	4	2	1	2	9
No. 4	1	1	8	7	4	21
Total ..	2	8	11	9	29	59

Causes of Death of Children under One Year of Age.

CAUSE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT	OCT.	NOV	DEC.	TOTAL.
Marasmus	1	0	2	0	2	1	0	4	6	2	1	0	19
Premature Birth	1	3	2	2	0	1	0	0	0	4	4	1	18
Diarrhœa	0	0	0	0	0	0	1	8	4	0	0	0	13
Bronchitis	1	4	2	0	0	0	0	0	0	0	0	1	8
Bron. Pneumonia	1	2	0	0	3	0	0	0	0	0	1	1	8
Pneumonia	0	2	0	1	1	0	0	0	0	0	0	0	4
Inanition	0	2	1	1	1	0	0	2	0	0	0	1	8
Convulsions	1	1	1	0	0	0	0	0	1	0	0	0	4
Enteritis	0	0	1	1	0	0	0	1	0	0	0	0	3
Debility	0	1	0	1	0	0	0	0	0	0	0	2	4
Tuberculous Meningitis ..	1	0	0	0	0	0	0	0	0	1	0	0	2
Abdominal Tuberculosis ...	0	1	0	0	0	0	0	0	0	0	0	0	1
Heart	0	0	1	0	0	0	0	0	0	0	0	0	1
Accidentally Suffocated ..	0	0	1	0	0	0	0	0	0	0	0	0	1
Meningitis ..	0	0	0	1	0	0	0	0	0	0	0	0	1
Gastro Enteritis	0	0	0	0	0	1	0	0	0	0	0	0	1
Accidentally Overlain ...	0	0	0	0	0	0	0	1	0	0	0	0	1
Nephritis	0	0	0	0	0	0	0	0	1	0	0	0	1
Measles	0	0	0	0	0	0	0	0	0	0	1	0	1
Natural Causes	0	0	0	0	0	0	0	0	0	0	0	1	1
Totals ...	6	16	11	7	7	3	1	16	12	7	7	7	100

Causes of Death of Children under 1 year of age in 10 years—(1902-1911).

CAUSE.	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
Abscess			1							
Accidentally overlain ...										2
Atelactasis of Lungs ...							1	1		
Bronchitis	33	12	14	15	15	23	17	19	8	16
Brights Disease		1			1					
Congenital Debility and Premature Birth ...	36	32	22	34	20	29	29	22	21	22
Convulsions	2	9	3	5	6	4	5	3	2	4
Catarrh										
Cerebral Congestion ..					1					
Diarrhœa and Epidemic Enteritis ...	7	7	26	11	19	11	23	10	7	13
Dentition				1			1			
Difficult Parturition ...	1	1	2			1	1			
Erysipelas			1							
Eczema	1			1			1			
Enteritis	2	2		3	7				1	3
Gastritis	2	1								
Gastro Enteritis								1		1
Hepatic Congestion ...	1			1						
Hydrocephalus			1	1					1	
Heart Diseases			2		1			1		1
Intestinal Catarrh						1				
Inanition	3		1	2	2	4	9	11	8	8
Intussusception	1									
Infantile Hemiplegia ..	1									
Intestinal Hœmorrhage ..			1							
Influenza							1			
Laryngitis and Croup ...		1				1			1	
Measles	2		1	9	1	2		7		1
Meningitis		1		1	1			1		1
Malformation of Bowels ..										
Membranous Croup ...			1							
Natural Causes (Inquest) ...	1						2			1
Nephritis		1								1
Pneumonia	4	5	10	7	2	6	5	1	6	4
Pemphigus Neonatorum ..			1							
Suffocated	3	1	1	1	4	6	2	2	3	
Spina Bifida	1							1		
carlet Fever	2									
Syncope										
Stomatitis										
Syphilis		1			1					
Shock from Burns			1							
Septicœmia				1						
Tuberculosis, Marasmus and Wasting Diseases ..	23	14	32	36	35	28	28	25	21	22
Ulcerated Stomach... ..										
Whooping Cough	3		10	1	1	1	4	3	4	
TOTAL ...	129	89	131	130	117	117	129	108	83	100

Percentages of Deaths from subjoined causes in ten years (1901-1910), of children under one year, to total deaths of children under one year and compared with 1911.

YEAR.	Total number of Deaths under one year.	Congenital Debility and Premature Birth.	Diarrhœa including Epidemic Enteritis	Diarrhoea including Epidemic and Gastro Enteritis and Enteritis.	Bronchitis and Pneumonia.	Tuberculous Diseases Marasmus & Wasting Diseases.	Convulsions.
1901	128	28·12	17·96	21·87	15·62	19·53	3·12
1902	129	27·90	5·42	7·05	28·68	17·82	1·55
1903	89	35·95	7·86	11·23	19·10	15·61	10·11
1904	131	16·79	19·84	19·84	18·32	24·42	2.29
1905	130	27·69	8.46	8·46	16·92	28·46	3·84
1906	177	17·09	16·24	16·24	14·53	29·91	5·12
1907	177	28·20	10·25	10·25	24·79	23·93	3·41
1908	129	22·48	17·82	17·82	17·05	21·70	3·87
1909	108	30·54	9·25	10·18	18·51	23.14	2·77
1910	83	21·68	8·43	9.69	16·86	18·07	2·40
Average of ten years.	128	25.64	12·06	13·26	19·03	22·25	3·84
1911	100	22·00	13·00	18·00	20·00	22·00	5·00

Street List of Diarrhœa Deaths in the past six years.

STREET.	1906	1907	1908	1909	1910	1911	Total.
Albert street ...	0	0	0	1	0	0	1
Avenue road ..	1	0	1	0	0	0	2
Bell street ..	2	1	1	1	0	1	6
Baggott's bridge ..	0	1	0	0	0	0	1
Blockall ...	0	0	0	0	0	1	1
Booth street ...	1	0	0	0	0	1	2
Bull street ...	0	0	1	0	0	0	1
Bentley road ...	0	0	1	0	0	0	1
Catherine's cross ...	2	0	4	1	1	2	10
Cramphill ...	2	0	1	1	0	2	6
Cock heath ..	1	0	0	1	0	0	2
Church street ...	0	0	0	0	0	1	1
Dangerfield lane ...	1	0	0	0	0	1	2
Eldon street ...	2	0	0	1	0	1	4
Factory street ..	0	0	2	0	0	0	2
Foster street ...	0	1	1	1	0	1	4
Foundry street ...	1	0	0	0	0	3	4
Great Croft street ..	0	2	0	0	0	0	2
Gordon street ..	0	0	1	0	0	0	1
Heath road ...	1	0	2	0	1	0	4
Bush street ..	0	0	0	0	0	2	2
High street ..	0	2	0	1	1	0	4
Horton street ...	1	1	0	0	0	0	2
Moxley ...	0	0	1	0	0	0	1
Moxley road ..	1	0	0	0	2	0	3
New road ..	0	1	0	0	0	1	2
New street ..	3	0	2	0	1	1	7
Mill street ...	0	0	0	0	0	1	1
Perry street ..	0	3	1	0	0	0	4
St. John's road ...	1	1	0	1	0	1	4
Rough Hay road ..	0	0	1	0	0	0	1
Station street ...	1	0	1	0	0	1	3

Short street ...	0	0	1	0	0	1	2
Salisbury street ..	0	0	1	0	0	0	1
The Green ...	1	1	1	1	0	3	7
Two Arches ...	1	0	0	1	0	0	2
Tilley street ...	2	1	3	0	0	1	7
Walsall street ...	0	0	0	2	0	0	2
Walsall road ..	0	1	1	2	0	2	6
Willenhall road ...	1	0	0	0	0	0	2
Willenhall street ...	1	1	1	0	0	0	3
Wolverhampton street	0	0	0	0	0	1	1
King Edward street ...	0	0	0	0	1	0	1
Walsall Union ...	0	1	0	0	0	0	1
Queen's Hos'l, Bham ...	0	1	0	0	0	0	1
Waverley road ...	0	0	0	0	0	1	1
Totals ..	27	19	29	15	7	31	128

TABLE I.

Showing statistics for 1911 and previous years.

YEAR.	Population estimated to middle of each year.	BIRTHS.		Total Deaths registered in the District.		Transferable Deaths.		Nett deaths belonging to the district.			
								Under one year of age.		At all ages.	
		Number	Rate.	Number	Rate.	of Non-residents registered in the district.	of Residents not registered in the district.	Number.	Rate per 1,000 nett births.	Number	Rate.
1906	15,730	625	39 73	329	20·91		27	117	187·21	356	22·63
1907	15,794	646	40·90	309	19·56	3	15	117	181·11	321	20·32
1908	15,852	644	40·62	299	18 86		14	122	200·31	313	19·74
1909	15,916	593	37·25	307	19·28	1	22	109	182·12	328	20·60
1910	16,000	561	35·25	259	16·18		16	83	147·72	269	17·18
1911		575	33 60	293	17·13		22	100	173·91	312	18·42

TABLE II.

Cases of Infectious Disease notified during the Year 1911.

NOTIFIABLE DISEASE.	Number of Cases Notified.								Total Cases Notified in each Locality				Total Cases Removed to Hospital
	At all Ages	At Ages—Years.											
		Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Ward 1	Ward 2	Ward 3	Ward 4	
Diphtheria (including Membranous Croup) ...	2			2					1			1	
Erysipelas	8				1	3	3	1	2	1	4	1	
Scarlet Fever	11	1	1	8		1			1		2	8	
Enteric Fever	9				4	5				1	1	7	6
Phthisis { Under Tuberculosis Regulations, 1908	13				5	5	3		5	4	1	3	
Phthisis { Under Tuberculosis Regulations, 1911	16			5	6	5			5	8	2	1	
Totals ...	59	1	1	15	16	19	6	1	14	14	10	21	6

TABLE III.

Showing Causes of, and Ages at Death during the Year 1911

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								
	under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years.	65 and upwards.	TOTAL.
Enteric Fever				1	1	1			3
Measles	1	3	2						6
Whooping cough		1	1						2
Influenza		2			1		3	1	7
Phthisis (Pulmonary Tuberculosis) ...				3	7	7	8	2	27
Tuberculosis Meningitis	2		1						3
Other Tuberculous Diseases .	1			2		1			4
Rheumatic Fever								1	1
Cancer, malignant diseases ..					1	1	10	5	17
Bronchitis	8	3	1			2	6	11	31
Broncho-Pneumonia	8	1							9
Pneumonia (all other forms) ...	4	4		3		2	3		16
Other diseases of Respiratory organs .								1	1
Diarrhœa and Enteritis	17	6	6					2	31
Nephritis and Bright's Disease ...	1	1						1	3
Other accidents and diseases of Pregnancy and Parturition ...						1			1
Congenital Debility and Malformation, including Premature Birth	49	5	1						55
Violent Deaths, excluding Suicide ...	1	1				3	2		7
Suicides					1				1
Other Defined Diseases	8	4	1	3	1	8	22	43	90
ALL CAUSES ...	100	31	13	12	12	26	54	67	315

TABLE IV.

Infantile Mortality during the year 1911. Nett Deaths from stated causes at various ages under one year of age.

Cause of Death.	Under 1 week	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total deaths under 1 year.
Measles								1		1
Diarrhœa			1		1	1	7	1	3	13
Enteritis							3		1	4
Tuberculous Meningitis ...							1	1		2
Abdominal Tuberculous ...								1		1
Premature Birth	17	1			18					18
Atrophy, Debility and Marasmus	6	1		1	8	12	7	2	2	31
Meningitis (*not Tuberculous*) ...							1			1
Convulsions	1		1	1	3	2				5
Bronchitis		1	1	1	3	4	3	3	3	16
Pneumonia (all forms) ...								1	3	4
Suffocation, (overlying) ...	1				1		1			2
Other causes	1				1				1	2
Totals ...	26	3	3	3	35	19	23	10	13	100

TABLE V.

Showing deaths of Children, and Death Rates of Children in 1000 deaths for 1911, and 10 years preceeding.

YEAR.	Deaths under one year.	Deaths of Children under one year per 1000 of total deaths.	Deats of Children of one and under five years.	Deaths of Children of one and under five years per 1000 of total deaths.
1901	128	209 83	65	186·24
1902	129	394·49	40	122·32
1903	89	299·66	38	127·94
1904	131	373·21	57	162·39
1905	130	410·09	43	135·64
1906	117	328 65	48	134·83
1907	117	364·48	45	140·18
1908	129	412·14	36	115·01
1909	108	329.26	77	234·75
1910	83	320.46	23	88 80
Average for ten years.	116	360·24	47	145·96
1911	100	317·46	31	98·41

TABLE VI.

Deaths at age periods, and months in which they occured in 1910.

MONTH.	under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Totals.	Males	Females
January ..	6	3	3	1	10	9	32	24	8
February...	16	3	1	1	7	2	30	13	17
March ...	11	4	2	0	9	5	31	17	14
April ...	7	2	0	0	6	2	17	10	7
May ...	7	2	1	0	8	9	27	12	15
June ...	3	1	1	1	3	3	12	5	7
July ...	1	1	0	2	10	6	20	12	8
August ...	16	6	0	0	5	5	32	13	19
September	12	11	1	3	6	3	36	20	16
October ...	7	1	1	3	7	10	29	19	10
November	7	3	2	1	4	3	20	11	9
December	7	6	1	0	6	9	29	13	16
Totals ...	100	43	13	12	81	66	315	169	146

TABLE VII.

Showing Deaths from principal Zymotic Diseases in six years, 1906-1911.

DISEASE.	1906	1907	1908	1909	1910	1911	Annual Average of six years.
Smallpox							
Measles	5	7		41		6	9·83
Scarlet Fever		6	1	10	6		3·83
Diphtheria and Membranous Croup	2			1	2		·83
Whooping Cough ...	2	7	8	8	6	2	5·50
Fevers { Typhus							
Fevers { Enteric	3	2		2		3	1·66
Fevers { Continued ..							
Diarrhœa	27	19	29	15	12	31	22·16
Totals	39	41	38	77	26	42	

TABLE VIII.

Showing Deaths from principal Zymotic Diseases in six years, 1905-1910, and compared with 1911. Also Death Rates per 1000 of population in 1911

DISEASE.	1905	1906	1907	1908	1909	1910	Annual Average of six years.	Proportion of deaths to 1000 deaths in six years.	Deaths in 1911.
Smallpox									
Measles	15	5	7		41		11·33		6
Scarlet Fever			6	1	10	6	3·83	19·04	
Whooping Cough ...	2	2	7	8	8	2	4·83	6·34	2
Diphtheria and Membranous Croup	4	2			1	2	1·50	6·34	
Fevers { Typhus									
Fevers { Enteric	8	3	2		2		3	3	3
Fevers { Continued ..									
Diarrhœa	23	27	19	29	15	12	20·83	31	31

TABLE IX.

Deaths from various causes each month.

CAUSE.	Jan.	Feb	Mar	Apr.	May	Jun.	July	Aug	Sep.	Oct.	Nov	Dec	Total
Measles										1	3	2	6
Scarlet Fever													
Whooping Cough ...											1	1	2
Diphtheria and Membranous Croup													
Enteric Fever										1	2		3
Epidemic Influenza ...	3	2					1			1			7
Diarrhœa							1	13	10				24
Enteritis			1	1	1			1	3				7
Phthisis	2	1	1		3	3	4	1	3	5	1	1	25
Other Tubercular Diseases ...	2	1	1		2					1		1	8
Cancer	1	3		1	1	1	2	1	2	3		2	17
Bronchitis	7	7	5	1	6		1		2	2	3	6	40
Pneumonia	4	3	2	2	1		2			1		1	16
Premature Birth	1	3	2	2		1				4	4	1	18
Heart Disease	3	2	3	2	3	1	6	3	1	5	2	4	35
Other causes	9	8	16	8	10	5	4	13	15	5	4	10	107
Total deaths ...	32	30	31	17	27	11	21	32	36	29	20	29	315